IN THE CLAIMS:

1. (Cancelled)

2. (Previously Amended) The method of claim 7, wherein the cache array comprises a plurality of caches and provides for redirection among the plurality of caches.

3. (Previously Amended) The method of claim 7, wherein the cache array is a Cache Array Routing Protocol based array.

4. (Previously Amended) The method of claim 7, wherein the cache is determined by executing a deterministic algorithm.

5. (Original) The method of claim 4, wherein the deterministic algorithm is a Cache Array Routing Protocol algorithm.

6. (Previously Amended) The method of claim 7, wherein the URL request is received from an Internet web browser executed on said client computer.

7. (Previously Amended) A method of responding to a URL request comprising:

receiving the URL request from a client computer;

determining a cache in a cache array that stores a URL corresponding to the URL request; and

redirecting the URL request to the determined cache;

wherein said determining and redirecting is executed by a network processor that is transparent to said client computer.

8. (Previously Amended) The method of claim 7, wherein the network processor is separate from the cache array.

9. (Cancelled)

10. (Previously Amended) The computer readable medium of claim 15, wherein the cache array comprises a plurality of caches and provides for redirection among the plurality of caches.

11. (Previously Amended) The computer readable medium of claim 15, wherein the cache array is a Cache Array Routing Protocol based array.

12. (Previously Amended) The computer readable medium of claim 15, wherein the cache is determined by executing a deterministic algorithm.

13. (Original) The computer readable medium of claim 12, wherein the deterministic algorithm is a Cache Array Routing Protocol algorithm.

14. (Previously Amended) The computer readable medium of claim 15, wherein

the URL request is received from an Internet web browser executed on said client computer.

15. (Previously Amended) A computer readable medium having instructions stored thereon that when executed by a processor cause the processor, after receiving a URL request from a client computer, to:

determine a cache in a cache array that stores a URL corresponding to the URL request; and

redirect the URL request to the determined cache;

wherein said determine and redirect operations are executed by a network processor that is transparent to said client computer.

16. (Previously Amended) The computer readable medium of claim 15, wherein the network processor is separate from the cache array.

17. (Cancelled)

18. (Previously Amended) The communication network of claim 21, wherein said network processor is separate from said cache array.

19. (Previously Amended) The communication network of claim 21, wherein said cache array comprises a plurality of cache servers.

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20. (Previously Amended) The communication network of claim 21, wherein said cache array is a Cache Array Routing Protocol based array.

21. (Previously Amended) A communication network comprising:

a network processor; and

a cache array coupled to said network processor;

wherein said network processor is programmed to receive a URL request from a client computer, determine a cache in the cache array that stores a URL corresponding to the URL request, and redirect the URL request to the determined cache and

wherein said network processor is transparent to said client computer.

22. (Previously Presented) A method of routing a URL request comprising:

intercepting, by a network processor, a URL request from a client computer directed to a cache array;

determining a cache in a cache array that stores a URL corresponding to said URL request; and

transmitting said URL request directly into the determined cache.

23. (Previously Presented) The method of claim 22, wherein the cache array comprises a plurality of caches and provides for redirection among the plurality of caches.

24. (Previously Presented) The method of claim 22, wherein the cache array is a

Cache Array Routing Protocol based array.

25. (Previously Presented) The method of claim 22, wherein said determining operation includes executing a deterministic algorithm.

26. (Previously Presented) The method of claim 22, wherein the deterministic algorithm is a Cache Array Routing Protocol algorithm.

27. (Previously Presented) The method of claim 22, wherein the URL request is received from said client computer executing an Internet web browser.

28. (Previously Presented) The method of claim 22, wherein the network processor is separate from the cache array.